

FIG. 1

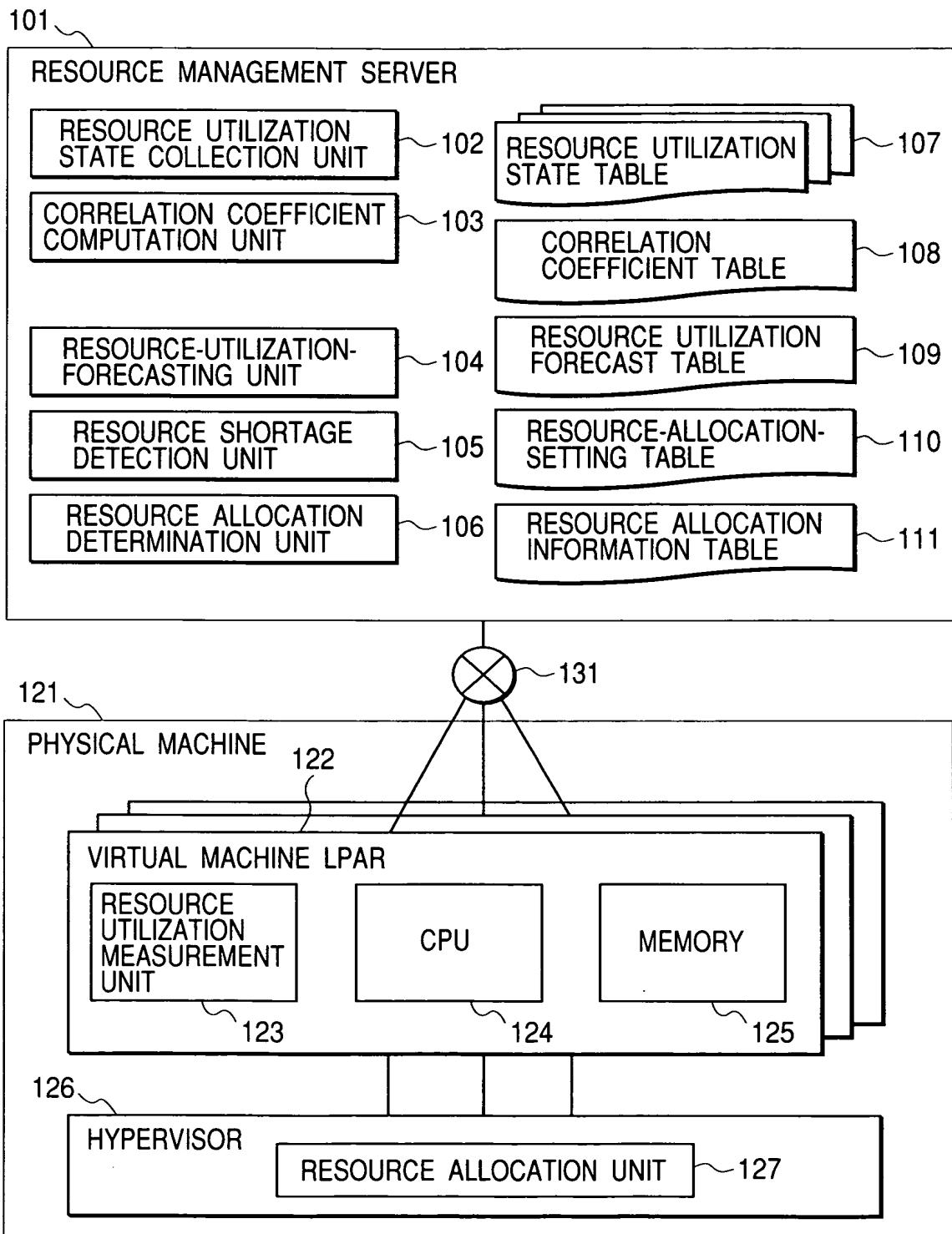


FIG. 2

107

RESOURCE UTILIZATION STATE TABLE		
201	LPAR3	
	LPAR2	
	LPAR1	
TIME	CPU ACTIVITY RATIO	USED MEMORY AREA SIZE
...
10:20	30%	300MB
10:25	25%	280MB
10:30	40%	640MB

202 203 204

DATA UP
TO 10:30

FIG. 3

CORRELATION COEFFICIENT TABLE

108

	LPAR1	LPAR2	LPAR3
LPAR1	1	0.1	0.7
LPAR2	0.1	1	0.3
LPAR3	0.7	0.3	1
301	302	303	304

FIG. 4

RESOURCE UTILIZATION FORECAST TABLE

109

	FORECASTED CPU ACTIVITY RATIO	FORECASTED USED MEMORY AREA SIZE
LPAR1	50%	1200MB
LPAR2	10%	60MB
LPAR3	20%	280MB

401

402

403

DATA
FORECASTED
AT 10:35

FIG. 5

RESOURCE-ALLOCATION-SETTING TABLE

110

	CPU ALLOCATION RATIO		ALLOCATED MEMORY AREA SIZE	
	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
LPAR1	70%	10%	1600MB	256MB
LPAR2	30%	10%	512MB	64MB
LPAR3	70%	10%	1500MB	128MB

501

502

503

504

505

FIG. 6

RESOURCE ALLOCATION INFORMATION TABLE
(BEFORE CHANGE)

	CPU ALLOCATION RATIO	ALLOCATED MEMORY AREA SIZE
LPAR1	40%	1600MB
LPAR2	30%	512MB
LPAR3	30%	1500MB

111a

ALLOCATIONS
AT 10:30

601

602

603

↓
THE RESOURCE ALLOCATION
DETERMINATION UNIT
CHANGE ALLOCATIONS

RESOURCE ALLOCATION INFORMATION TABLE
(AFTER CHANGE)

	CPU ALLOCATION RATIO	ALLOCATED MEMORY AREA SIZE
LPAR1	50%	1200MB
LPAR2	21%	70MB
LPAR3	29%	330MB

111b

NEW
ALLOCATIONS

601

602

603

FIG. 7

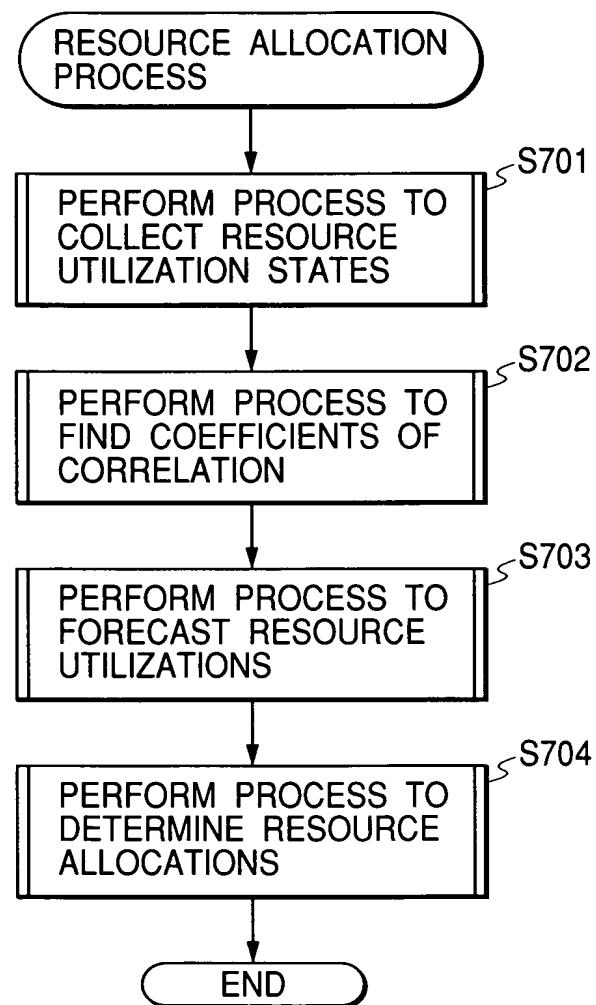


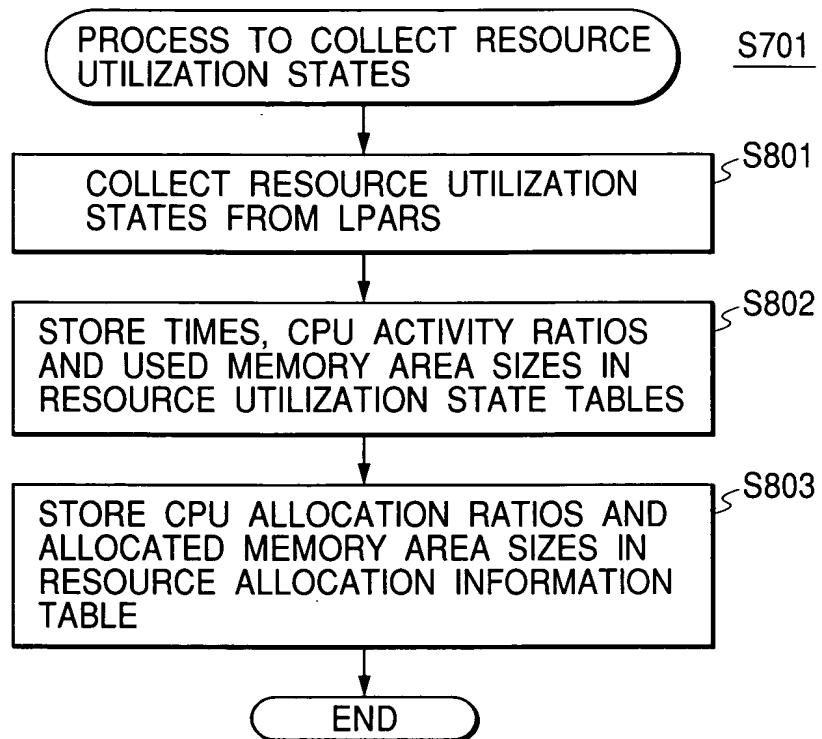
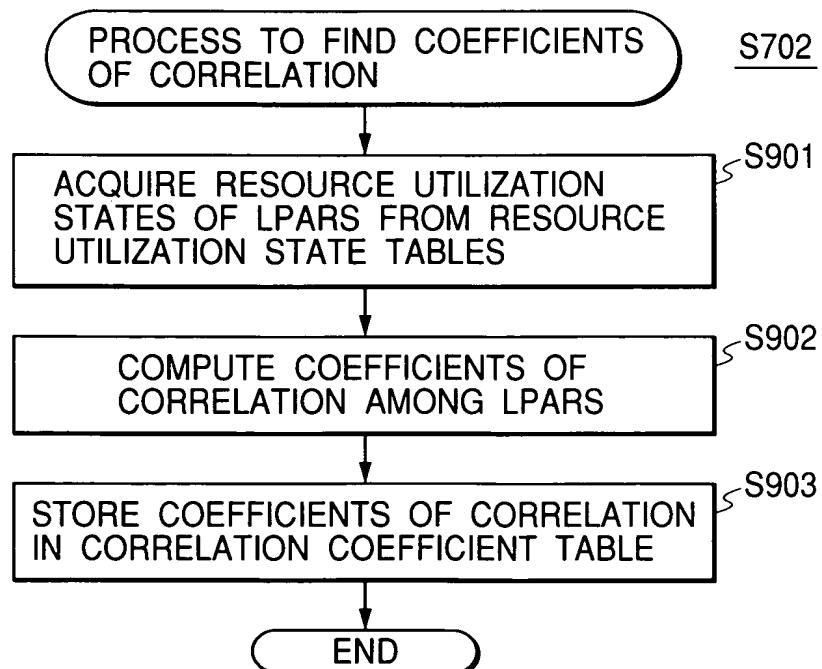
FIG. 8**FIG. 9**

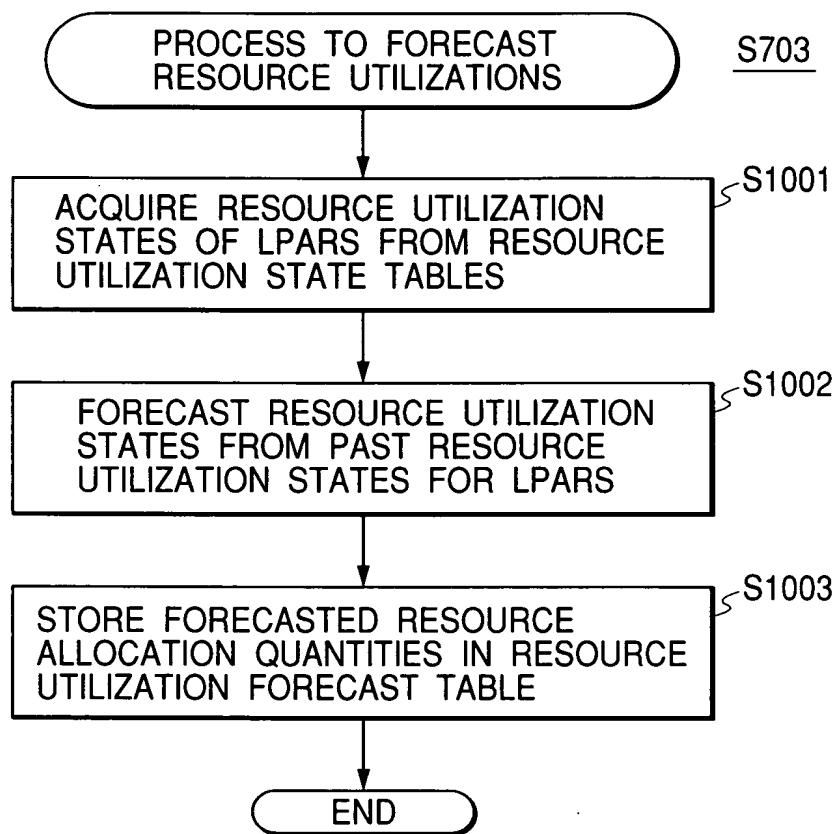
FIG. 10

FIG. 11

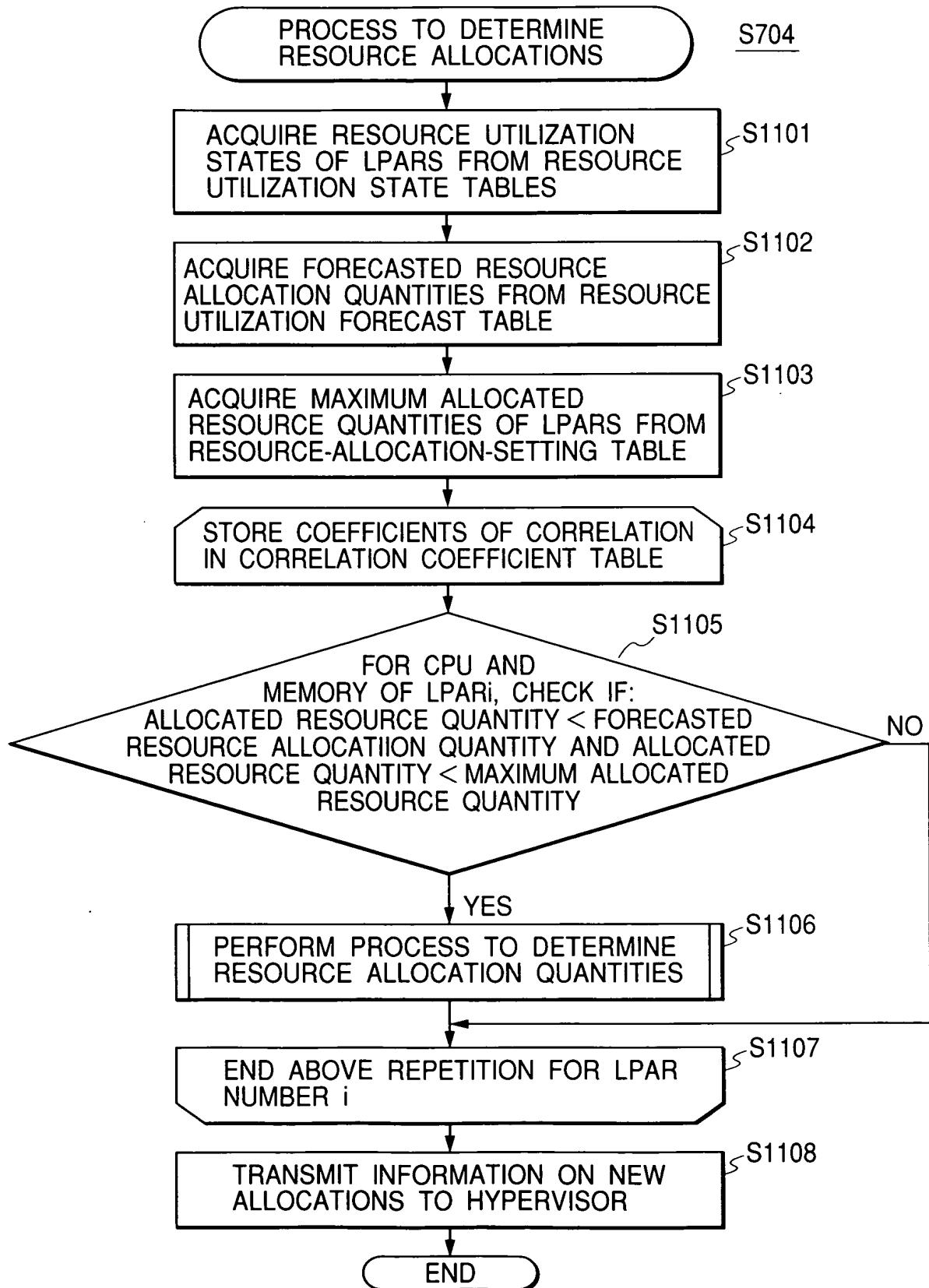


FIG. 12

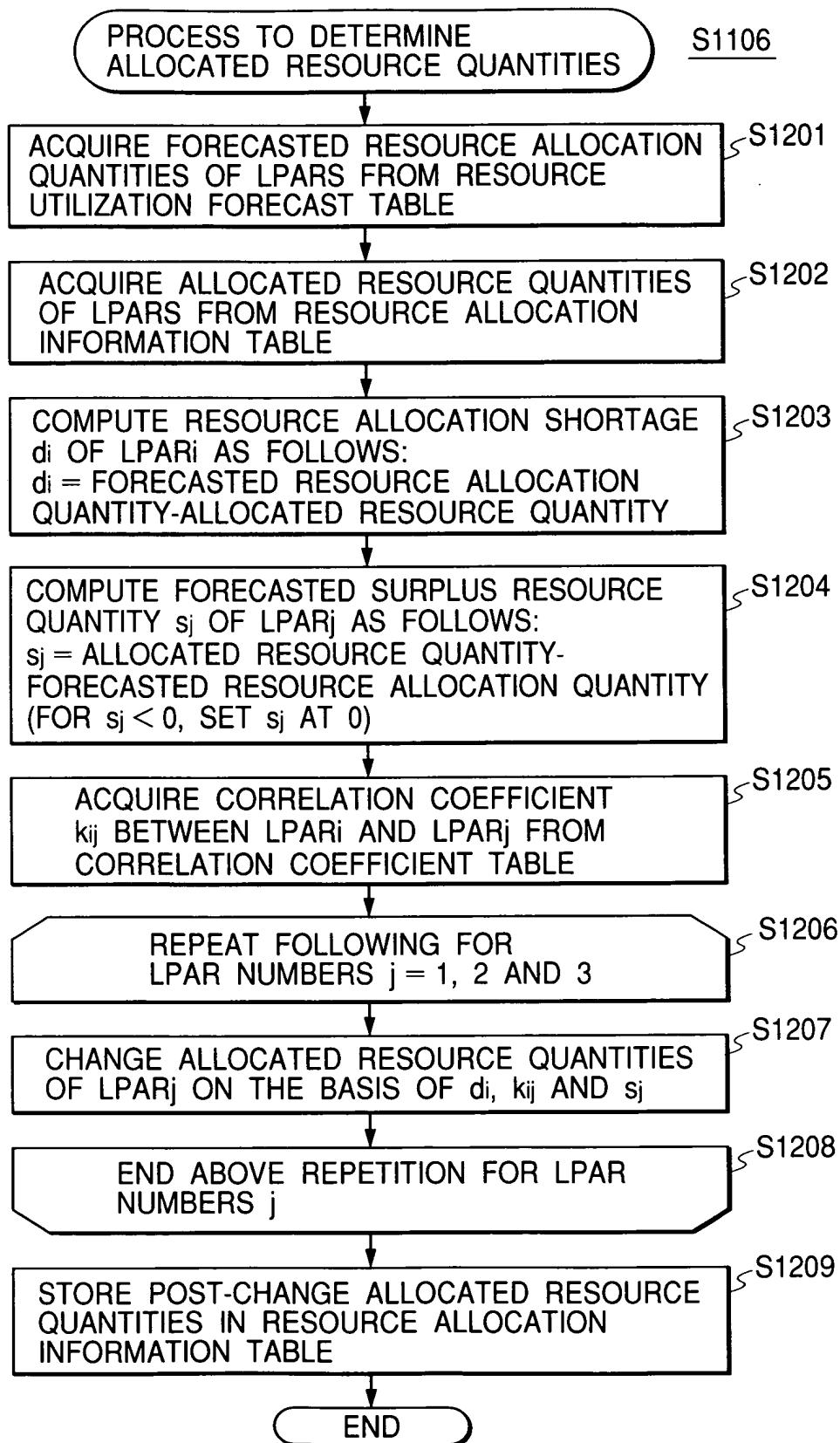
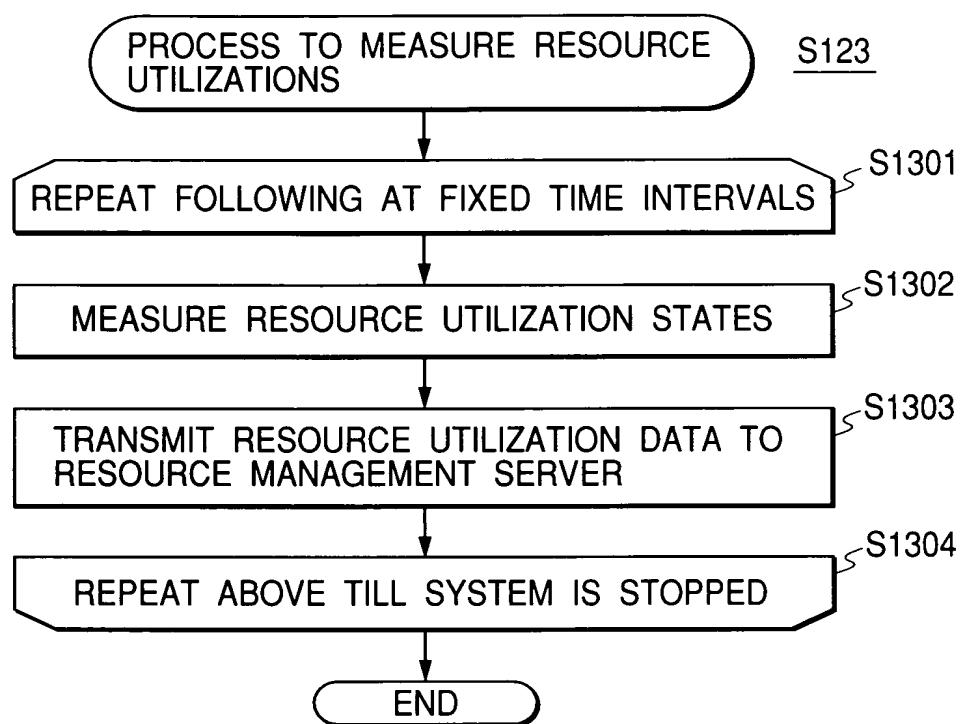


FIG. 13**FIG. 14**